Objective 1: Protect human health by reducing exposure to contaminants in drinking water (including providing source water) in fish and shellfish and recreational waters.

Subobjective 1: Water Safe to Drink

Work Plan Component/Program:	EPA Contact (s): Kelly Moran / Bill	State Contact: Phil Consonery	PRC: 201B03E
Public Water System Supervision	Arguto		
Work years:			

Program Description:

Environmental Outcomes	Measures	Outputs for FY 2011 and 2012 (July 1, 2010 thru June 30, 2012) (Commitments)	Status/Obstacles/Comments
Protect human health by reducing exposure to contaminants in drinking water.	2.1.1 – Percent of the population served by community water systems that receive drinking water that meets all applicable health-based drinking water standards through approaches including effective treatment and source water protection. SP-1 – Percent of community water systems that provide drinking water that meets all applicable health-based drinking water standards.	DATA MANAGEMENT OUTPUTS: Each quarter, ensure accurate and complete data related to inventory, compliance, and enforcement activities are provided to EPA in a timely manner. ACTIVITIES: Maintain a database management system for inventory, monitoring, and Monitoring/Reporting (M/R) and Maximum Contaminant Level (MCL) violations. Report quarterly (within 45 days of the end of each quarter) all violations / inventory updates and rule implementation priorities to SDWIS/FED. For National Program Manager Guidance Measures, see the notes in the "Program Management" section of this workplan. Report all inventory updates; M/R, MCL, Public Notification (PN), and treatment technique violations; Lead and Copper Rule (LCR) unaddressed violations; formal enforcement actions and successfully link them to appropriate violations; variances and exemptions; milestone information required under the regulations; required SWTR data; and compliance achieved, identify and correct erroneous data, and submit deactivation data to SDWIS/FED for all applicable systems, especially Significant Non-Compliers (SNCs). Update system programming to meet changes to reporting requirements.	Maintained the Pennsylvania Drinking Water Information System (PADWIS). The Quarterly Progress Report is now incorporated into this report. SDWIS/FED updates were submitted on 2/15, 3/15, 5/16 and 6/16. DEP's Stage 2 Disinfection By-Products Rule (DBPR), Long Term 2 Rule (LT2), and Groundwater Rule (GWR) teams continue to prepare for the development, implementation, and compliance determination of these rules. All major changes required by the GWR have been completed. PADWIS programming is underway for both Stage 2 DBPR and LT2.

Objective 1: Protect human health by reducing exposure to contaminants in drinking water (including providing source water) in fish and shellfish and recreational waters.

Subobjective 1: Water Safe to Drink

Work Plan Component/Program:	EPA Contact (s): Kelly Moran / Bill	State Contact: Lisa Daniels	PRC: 201B03E
Public Water System Supervision	Arguto		
Work years:			

Program Description:

Environmental Outcomes	Measures	Outputs for FY 2011 and 2012 (July 1, 2010 thru June 30, 2012) (Commitments)	Status/Obstacles/Comments
Protect human health by reducing exposure to contaminants in drinking water.	(continued)	COMPLIANCE AND ENFORCEMENT OUTPUTS: Undertake enforcement program with informal and formal actions; make compliance determinations consistent with federal regulations; and develop and deliver training programs for staff and public water suppliers.	
		ACTIVITIES: Complete the Annual Compliance Report by July 1st for the previous calendar year.	The 2010 Annual Compliance Report was submitted to EPA on 6/30/2011.
		Promote compliance with the regulations. Notify all systems of regulatory requirements, take enforcement actions, provide technical assistance, and issue waivers, variances and exemptions, where appropriate. - number of technical assistance activities - number of enforcement actions taken - number of actions taken to promote compliance and describe	Please refer to DEP's latest Annual Capability Enhancement report, due to EPA in November each year, and the latest semi-annual set-aside progress report for more information about technical assistance activities. Number of enforcement actions taken during this reporting period (<i>Source: eFACTS</i>): • Total # enforcement actions = 353
			Compliance assistance activities: • Presentations at water industry meetings (PA Association of Accredited Environmental Laboratories, PA Rural Water Association, PA Section American

	 Water Works Association) DEP issued the winter edition of the Drinking Water Newsletter in February 2011.
Respond to SNC systems and, each quarter, provide responses to the Ground Water and Enforcement Branch. Work with EPA's SNC Coordinator to determine why problems are occurring and take steps to correct.	DEP responded to high priority PWSs per the ETT tool as follows: • FY10Q4 ETT Report – DEP provided responses for 70 PWSs on 3/8/2011 • FY11Q1 ETT Report – DEP provided responses for 91 PWSs on 6/1/2011
Maintain records of pertinent State decisions and report all responses to M/R and MCL violations in accordance with escalation procedures as negotiated in the State Compliance Strategy.	DEP continued to maintain pertinent records on State decisions and reported all responses to violations.
Provide an update on the status of the State Compliance Strategy.	Work on the Compliance Strategy is still on-going.

Objective 1: Protect human health by reducing exposure to contaminants in drinking water (including providing source water) in fish and shellfish and recreational waters.

Subobjective 1: Water Safe to Drink

Work Plan	EPA Contact (s): Kelly	State Contact (s): Lisa Daniels / Ron Furlan / Phil Consonery	PRC: 201B03E
Component/Program:	Moran / Bill Arguto		
Public Water System			
Supervision			
Work years:			

Program Description:

Environmental Outcomes	Measures	Outputs for FY 2011 and 2012 (July 1, 2010 thru June 30, 2012) (Commitments)	Status/Obstacles/Comments
Protect human health by reducing exposure to contaminants in drinking water.	(continued)	STATE REPORTING MEASURES AND KEY PWSS PROGRAM PERFORMANCE INDICATORS OUTPUTS: Meet required reporting through quarterly SDWIS compliance data or through other reporting already done under other initiatives such as the Source Water Matrix or Wellhead Protection Program reports. For information not already reported to EPA, the reporting frequency is semi-annual. ACTIVITIES: Implement federal rules: Total Coliform Rule; Phase II and V Rule for nitrates / nitrites and chronic contaminants; Lead and Copper Rule including the Minor Revisions, Stages 1 and 2 Disinfectants/Disinfection Byproducts Rule; Interim Enhanced Surface Water Treatment Rule; Radionuclides Rule; Arsenic Rule, Filter Backwash Recycling Rule; Long Term 1 and 2 Enhanced Surface Water Treatment Rules; Public Notification Rule; Ground Water Rule; and all other currently regulated chemicals.	 All federal rules have been incorporated into Chapter 109. PA DEP has the authority to enforce all the state rules. DEP is waiting for final comments from EPA regarding the Stage 2 DBPR primacy package. DEP is preparing a response to additional questions on the GWR and LT2 primacy packages. The LCRSTR primacy package was submitted to EPA on 7/7/2011. The outstanding VRB issues need to be resolved at the federal level. Once the issues are resolved, DEP will submit a primacy request for the Phase II/V rules.
		Revise the State Compliance Strategy to reflect changes in the State and Federal regulations, including revised Penalty Authorities, any new or revised State MCLs, any new SNC definitions, State procedural or organizational changes, and State/U.S. EPA Enforcement Agreements.	The Compliance Strategy will be updated/finalized for the new rules once we receive primacy from EPA.

	Screen data submitted by public water systems for evidence of data falsification and take follow-up enforcement action as appropriate. Certify that the responsible State agency (if not the drinking water program) continues to enforce the Lead Ban, through inspections and State enforcement actions.	Central office, regional, and Bureau of Laboratories staff continued to screen data for evidence of data falsification. An intern was hired in May to conduct the Lead Ban program for 2011. The intern underwent training and conducted several inspections during this reporting period. The final report will be posted to DEP's website later this year.
	Maintain records of tests, measurements, analyses, decisions, and determinations performed on each PWS to determine compliance with application drinking water regulations; sanitary surveys, enforcement actions, vulnerability determinations, Public Notice, etc.; make records available to the Regional Administrator upon request.	During this reporting period, all records were maintained as required.
	Report on implementation of Consumer Confidence Rule. Report violations and enforcement actions directly to SDWIS/FED by November 15.	CCRs are due by June 30 th of each year. CCR violations will be generated during the next reporting period.

Objective 1: Protect human health by reducing exposure to contaminants in drinking water (including providing source water) in fish and shellfish and recreational waters.

Subobjective 1: Water Safe to Drink

Work Plan Component/Program:	EPA Contact (s): Kelly Moran / Bill Arguto	State Contact (s): Lisa Daniels / Ron Furlan	PRC: 201B03E
Public Water System Supervision			
Work years:			

Program Description:

Environmental Outcomes	Measures	Outputs for FY 2011 and 2012 (July 1, 2010 thru June 30, 2012) (Commitments)	Status/Obstacles/Comments
Protect human health by reducing exposure to contaminants in drinking water.	(continued)	NEW REGULATION DEVELOPMENT OUTPUTS: Adopt all rules on schedule, complete all primacy application packages, report on major implementation issues or problems, and apply for extensions when necessary.	
		ACTIVITIES: Revise State regulations so that these are as stringent as the analytical methods changes published in the Federal Register on December 5, 1994, March 5, 1997, December 1, 1999, May 15, 2001, and October 23, 29, 2002 [CFR §142.12].	All EPA-approved analytical methods, including the methods listed in Appendix A, are incorporated prospectively by reference.
		Maintain and report on required statutory and regulatory authorities. Report on any changes to statutory, regulatory, or laboratory certification status of the State Primacy Agency.	There were no changes during this reporting period.
		Report new rule data to SDWIS/FED per Extension/Implementation Agreements. For new rules that are in effect, but the state does not have Primacy, report information for EPA Region III to make compliance determinations.	GWR violations were reported along with DEP's quarterly SDWIS/FED updates.
		Prepare for and adopt the Lead and Copper Rule Short Term Revisions and Ground Water Rule. Prepare for the *Radon Rule by identifying and working with PWSs with elevated levels to reduce risk of exposure. Adopt and implement Stage 2 DBPR and Long Term 2 Interim Enhanced Surface Water Treatment Rule. *contingent upon EPA's promulgation schedule.	Please refer to page 4.

Objective 1: Protect human health by reducing exposure to contaminants in drinking water (including providing source water) in fish and shellfish and recreational waters.

Subobjective 1: Water Safe to Drink

Work Plan Component/Program:
Public Water System Supervision
Work years:

EPA Contact (s): Kelly Moran / Bill Arguto
Consonery

State Contact (s): Lisa Daniels / Ron Furlan / Phil
Consonery

PRC: 201B03E

Program Description:

Environmental Outcomes	Measures	Outputs for FY 2011 and 2012 (July 1, 2010 thru June 30, 2012) (Commitments)	Status/Obstacles/Comments
Protect human health by reducing exposure to contaminants in drinking water.	SDW-1a – Percent of community water systems (CWSs) that have undergone a sanitary survey within the past three years (five years for outstanding performers) as required under the Interim Enhanced and Long-Term I Surface Water Treatment Rules.	SURVEILLANCE AND TECHNICAL ASSISTANCE OUTPUTS: Conduct number or percent sanitary surveys and other inspections/visits of water systems Ground Water CWS - Surface or GUDI CWS - NTNCWS - TNCWS Permit drinking water facilities to assure that the design and construction of facilities will be capable of compliance with drinking water standards number of plan review/permits issued Train operators and staff on regulations, treatment technologies, security, and public education numbers and types of training sessions held - number of individuals trained on new and current regulations and water treatment technologies, including focused training on small system treatment technology	492 PWS permits and 17 BVRB permits were issued since July 1, 2010, for a total of 509 construction permits. Please refer to the following resources for more information about technical assistance activities: the compliance assistance activities on page 2 in this report, DEP's latest Annual Capability Enhancement report, due to EPA in November each year, and the latest semi-annual set-aside progress report.
		ACTIVITIES: Maintain an adequate sanitary survey program.	 The following number of inspections were conducted during the reporting period: CWSs: 985 inspections conducted, of which 343 were sanitary surveys NTNCWSs: 257 inspections conducted, of which 98 were sanitary surveys TNCWSs: 1,128 inspections conducted, of which 517 were sanitary surveys

• BVRBs: 29 inspections conducted, of which 19 were sanitary surveys With the help of EPA in-kind contributions and EPA instructors, coordinate a sanitary Federal monies are being used for a 2011 statewide meeting this survey training course for Field Operations staff to develop capabilities for conducting Fall to provide training and promote consistency with state and an effective and comprehensive review of a public water system, including the eight federal regulations and policies. We anticipate working with essential elements of a sanitary survey as defined by EPA and State guidance. EPA to set up a Sanitary Survey course during the next fiscal year. Maintain an adequate plan and specification review program to assure design and DEP has a permitting program under Subchapter E of Chapter construction of new and modified PWS facilities. 109. Reviews are conducted by engineering staff, under the responsible charge of a licensed professional engineer. Maintain the capability to respond to emergency circumstances and ensure provision DEP maintains a department-wide emergency response plan and of potable drinking water under emergency circumstances. enforces the requirements for CWSs to develop and update their own emergency response plan. Maintain documentation for and implement a Quality Management System. On January 7, 2011, EPA Region III approved PA DEP's Quality Management Plan. The plan addresses EPA's environmental data quality and process needs of grant-supported programs and reflects an overall Quality Assurance Program Develop, implement, and update documentation for Quality Assurance Project Plans framework that meets the needs of users and decision-makers. (OAPP). The Plan is valid for a period not to exceed five years. Establish and maintain a state program for the certification of laboratories. DEP maintained a state program for the certification of laboratories. Please refer to the Bureau of Laboratories annual report for more information. In calendar year 2010, maintain sample analysis for the Safe Drinking Water Program The work was completed in 2010. DEP is not using PWSS during high-volume seasonal work through the hiring of two interns at DEP's Bureau funds to support interns in calendar year 2011. of Laboratories. Carry out the responsibilities of the Unregulated Contaminant Monitoring Rule UCMR2 responsibilities are winding down. DEP reviewed (UCMR2). Provide sampling and reporting assistance to those water systems UCMR3 requirements and developed the Partnership Agreement performing monitoring of List 1 and List 2 contaminants; assist EPA in obtaining during this reporting period. water system compliance through follow-up contact with those systems; review detects reported to SDWARS/UCMR and take action if needed; work with CWSs to include UCMR data in CCRs; work with CWSs, and NTNCWSs to include a notification of the availability of the results of PNs.

Objective 1: Protect human health by reducing exposure to contaminants in drinking water (including providing source water) in fish and shellfish and recreational waters.

Subobjective 1: Water Safe to Drink

Work Plan Component/Program:
Public Water System Supervision
Work years:

EPA Contact (s): Kelly Moran / Bill Arguto
State Contact: Phil Consonery / Joe Lee (SP-4a & SP-4b only)

PRC: 201B03E

Program Description:

Environmental Outcomes	Measures	Outputs for FY 2011 and 2012 (July 1, 2010 thru June 30, 2012) (Commitments)	Status/Obstacles/Comments
Protect human health by reducing exposure to contaminants in drinking water.	2.1.1 – Percent of the population served by community water systems that receive drinking water that meets all applicable health-based drinking water standards through approaches including effective treatment and source water protection. (Goal = 90%) SP-1 – Percent of community water systems that provide drinking water that meets all applicable health-based drinking water standards. (Goal = 90%) SDW-1a – Percent of community water systems (CWSs) that have undergone a sanitary survey within the past three years (five years for outstanding performers) as required under the Interim Enhanced and Long-Term I Surface Water Treatment Rules. (Goal = 91%)	PROGRAM MANAGEMENT OUTPUTS: Report the six percentages for the FFY 2010 National Program Manager Guidance Measures for each target under the "Measures" column starting on this page and negotiate the FFY 2011 measures with Region III when they are available. Measure Percentage Goal (%) 2.1.1 90 SP-1 90 SDW-1a 91 SP-2 95 SP-4(a) 33 SP-4(b) 72 1 To allow staff 45 days to respond to potential violations, violations generated during an alternative six-month period of December 1 through May 31, or June 1 through November 30, are provided. 2 To allow staff 45 days to respond to potential violations, violations generated during an alternative twelve-month period of June 1 through May 31 are provided. FTEs Charged (at 1,600 hours per FTE). 58 and 52 FTEs are budgeted for FY 2011 and 2012, respectively. Approximately 15% is devoted to "Program Administration, Management, Development, and Evaluation" (CATS work code 38200) and the remaining time is devoted to "PWS Compliance Assessment" (CATS work code 38210).	Measure Percentage Goal (%) 2.1.1 81.9* 90 SP-1 96.9 90 SDW-1a 92.8 91 SP-2 96.8 95 SP-4(a) 29.0** 33 SP-4(b) 74.3** 72 *The Philadelphia Water Department (PWD) serves 1.6 million people, which dramatically affected Measure 2.1.1 in this status report. On November 17, 2010, PWD identified a nondetect for chloramines at location ID "17S" in the distribution system. PWD collected a heterotrophic bacteria sample at that time, and the result was greater than 500 colonies per mL. As a follow up to a P1 violation, PWD issued Tier 2 PN in December. **PA DEP's tracking database for source water protection is under development through September 2011. The percentages for SP-4(a) and (b) are carried over from the period July 1 through December 31, 2010. See the attached spreadsheet for details on DEP's Cross Application Time Sheets (CATS). 38200 = 5 FTEs 38210 = 56 FTEs Total for FY 2010-2011 = 61 FTEs (includes state match)

SP-2 – Percent of "person months" (i.e. All persons served by CWSs times 12 months) during which CWSs provide drinking water that	Report the violation validation lag time statistics. (Goal = 30-day median value)	See the attached spreadsheet, "Lagtime_06-30-2011.xls."
meets all applicable health-based drinking water standards. (Goal = 95%)	ACTIVITIES: Prepare and submit DRAFT FY 2011 and FY 2012 grant application work plans to EPA Region III.	DEP completed a draft workplan submission through grants.gov on April 23, 2010 (DUNS #1356688870000).
	Prepare and submit a final FY 2011 and FY 2012 grant application that addresses all Region III comments on the preliminary draft plan.	Following a conference call with Region III staff on June 17, DEP emailed a final version on July 6 that includes minor modifications discussed on the call.
	Prepare and submit a semi-annual self assessment that reports State progress in meeting State program plan commitments to Region III.	The PWSS semi-annual progress reports were delivered to EPA Region III on February 15, 2011 and August 8, 2011.
risk to public health is minimized through source water protection.	Discuss all changes to the approved work plan with the EPA State Program Manager prior to making the change in order to determine if this is a significant program change requiring an amendment or other written documentation for the grant award.	No changes to the work plan were needed during this reporting period. DEP and EPA discussed the need to adjust the grant budget due to the FY 2011 rescission of \$9,000 and \$13,763 in unspent funds from the previous PWSS grant cycle.
	Provide Federal Financial Reports (FFR) documenting FY 2010 and FY 2011 expenditures within 90 days of the end of the budget period.	FFRs are completed by Pennsylvania's Comptroller Operations in the Office of the Budget and submitted directly to EPA. On December 16, 2010, the Comptroller completed the final FFR for July 1, 2008 through June 30, 2010.
	Through separate progress reports, PA DEP will provide semi-annual updates on activities and outputs for Capacity Development, Operator Certification and Training, Source Water Assessment and Protection Programs, and the Water Protection (Security) Coordination Grant.	The required updates were provided in DEP's latest semi-annual set aside progress report. The report was submitted to EPA Region III within the timelines established in the grant agreement. The semi-annual Security report was submitted on February 15, 2011, also within established timelines.

Objective 1: Protect human health by reducing exposure to contaminants in drinking water (including providing source water) in fish and shellfish and recreational waters.

Subobjective 1: Water Safe to Drink

Work Plan Component/Program:	EPA Contact (s): Kelly Moran / Bill Arguto	State Contact: Lisa Daniels	PRC: 201B03E
Public Water System Supervision			
Work years:			

Program Description:

Environmental Outcomes	Measures	Outputs for FY 2011 and 2012 (July 1, 2010 thru June 30, 2012) (Commitments)	Status/Obstacles/Comments
Protect human health by reducing exposure to contaminants in drinking water. CAS: Correct deficiencies noted during data verification audits. Improve the understanding of new and existing regulatory requirements.		ADDITIONAL STATE ACTIVITIES FUNDED WITH PWSS GRANT MONIES OUTPUTS: Submit a status update in the semi-annual progress report. ACTIVITIES: A Compliance Assessment Specialist (CAS) will continue to develop guidance documents for new or revised regulations as well as work with EPA Region III staff to adapt EPA's current Data Verification Protocol to address the unique features of PADWIS and then conduct regional and district office data verifications on a continuing basis.	The CAS continued work on GWR implementation materials and guidelines for Tier 1 violations and PN. The CAS will play a key role in training development and delivery during the 2011 annual statewide meeting.